BRUHAT BANGALORE MAHANGARA PALIKE

Yelahanka Staeliite Town Sub Division, Bangalore-64

Name of Work: Construction community centre at Allalasandra in ward no:04									
							Estimate Cost Rs.		1000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Dismantling mangalore types roof and stacking the material within a radious of 50 mtrs	Sqm							
			1	8.00	3.70		29.60	48.76	1443.00
	Basic Rate	46.00							
	Area Weightage @ 6%	2.76							
	Total	**48.76**							
2	Dismantling burnt brick masonry in clay mortor / line mortor / cement mortor and stacking the bricks with in a radious of 50 mtrs and removing the debris to a distance upto 200 mtr	Sqm							
			2	7.00		3.00	42.00		
			2	3.20		3.00	19.20		
	Basic Rate	114.00					**61.20**	**120.84**	**7395.00**
	Area Weightage @ 6%	6.84							
	Total	**120.84**							
3	Dismantling size stone masonry in clay mortor / line mortor / cement mortor and stacking the bricks with in a radious of 50 mtrs and removing the debris to a distance upto 200 mtr	Cum							
	Basement and foundation		2	7.20	0.45	0.60	3.89		
			2	3.00	0.45	0.60	1.62		
	Basic Rate	126.00					**5.51**	**133.56**	**736.00**
	Area Weightage @ 6%	7.56							
	Total	**133.56**							
4	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications specification, No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1 PW, P & IWTD -SR 2013-14)	Cum							

			1	9.00	9.00	0.25	20.25	124.02	2511.00
	Basic Rate	117.00							
	Area Weightage @ 6%	7.02							
	Total	**124.02**							
5	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, **in hard soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications, specification No. KBS 2.1 (b) / 2.3.5 (P.5/I.2.4 PW,	Cum							
	Allround		1	23.80	0.90	0.90	19.28		
	Steps		1	1.50	0.75	0.20	0.23		
	Columns		6	1.50	1.50	1.50	20.25		
	For compund		1	35.00	0.80	0.60	16.80		
	for stair case		1	1.20	0.90	0.45	0.49		
							57.05		
	Deductions - Columns		6	1.50	0.90	0.90	-7.29		
							49.76	**223.66**	**11129.00**
	Basic Rate	211.00							
	Area Weightage @ 6%	12.66							
	Total	**223.66**							
6	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3 PW, P & IWTD -SR 2013-14)	Cum							
	Allround		1	23.80	0.90	0.15	3.21		
	Steps		1	1.50	0.75	0.10	0.11		
	Columns		6	1.50	1.50	0.15	2.03		
	Flooring		1	6.00	5.50	0.15	4.95		
	Compound inside flooring								
	Front side		1	9.00	1.00	0.10	0.90		
	Back side		1	9.00	2.00	0.10	1.80		
	left and right side		2	4.90	1.30	0.10	1.27		
	For compound		1	35.00	0.80	0.15	4.20		
	For stair case		1	1.20	0.90	0.15	0.16		

							18.63		
	Deductions - Columns		6	1.50	1.50	0.15	2.03		
							16.60	**4211.38**	**69909.00**
	Basic Rate	3973.00							
	Area Weightage @ 6%	238.38							
	Total	**4211.38**							
7	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.25/I.5.6 PW, P & IWTD-SR 2013-14)	Cum							
	Allround		1	23.80	0.75	0.35	6.25		
			1	23.80	0.60	0.35	5.00		
	Steps		1	1.50	0.60	0.20	0.18		
			1	1.50	0.40	0.20	0.12		
	For compound		1	35.00	0.60	0.45	9.45		
							21.00		
	Deductions - Columns		6	0.60	0.20	0.70	0.50		
	available stones qty						5.51		
							6.01		
							14.99	**3484.22**	**52220.00**
	Basic Rate	3287.00							
	Area Weightage @ 6%	197.22							
	Total	**3484.22**							
8	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.26/I.5.9 PW, P & IWTD -SR 2013-14))	Cum							
	Allround		1	23.80	0.45	0.45	4.82		
	Steps		1	1.50	0.20	0.20	0.06		
	For compound		1	35.00	0.45	0.35	5.51		
							10.39		
	Deductions - Columns		6	0.60	0.20	0.45	0.32		
							10.07	**4148.84**	**41787.00**
	Basic Rate	3914.00							
	Area Weightage @ 6%	234.84							
	Total	**4148.84**							

9	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.122/I.15.3 PW, P & IWTD -SR 2013-14)	Sqm							
	Allround		1	23.60		0.45	10.71		
	For compound		2	35.00		0.35	24.50		
							35.21	**78.44**	**2762.00**
	Basic Rate	74.00							
	Area Weightage @ 6%	4.44							
	Total	**78.44**							
10	KSRB 2.3 Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 (P.6/I.2.10 PW, P & IWTD -SR 2013-14)	Cum							
				Qty Vide Item No. 2			49.76	99.64	**4958.00**
	Basic Rate	94.00							
	Area Weightage @ 6%	5.64							
	Total	**99.64**							

11	KSRB 4.2 2 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11 PW, P & IWTD -SR 2013-14)	Cum							
	Columns Footing		6	1.50	1.50	0.60	6.75		
	Columns		6	0.60	0.20	5.20	3.74		
	Plinth Beam - Allround		1	23.80	0.20	0.30	1.43		
	Lintels		1	23.80	0.20	0.20	0.95		
	Beams		1	23.80	0.20	0.45	2.14		
	Roof		1	6.40	4.90	0.150	4.70		
	for stair case plinth level beam		1	1.20	0.20	0.300	0.07		
	Weist slab		1	3.80	0.90	0.120	0.41		
			24x0.5	0.90	0.20	0.150	0.32		
							20.51		
	Deductions								
	Plinth beam		6	0.40	0.20	0.30	0.14		
	Lintels		6	0.40	0.20	0.20	0.10		
	beams		6	0.40	0.20	0.45	0.22		
							0.46		
							20.06	5535.32	**111027.00**
	Basic Rate	5222.00							
	Area Weightage @ 6%	313.32							
	Total	**5535.32**							

12	KSRB 4-1.6 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6 PW, P & IWTD -SR 2013-14)	Cum							
	Flagging		1	9.00	1.00	0.10	0.90		
			1	9.00	2.10	0.10	1.89		
			2	4.90	1.30	0.10	1.27		
	screeding concrete		1	6.40	4.90	0.075	2.35		
	Cills - W		3	1.20	0.20	0.20	0.14		
			1	6.40	4.90	0.075	2.35		
	For compound wall coping		1	35.00	0.45	0.100	1.58		
	Solid block wall coping		1	35.00	0.20	0.100	0.70		
							11.18	**4690.50**	**52440.00**
	Basic Rate	4425.00							
	Area Weightage @ 6%	265.50							
	Total	**4690.50**							
13	KSRB 4-4.3 : Extra for use of water proofing compound in Cement concrete of mix 1:2:4, at one kg of compound per bag of cement. Specification No. KBS (P.16/I.4.26 PW, P & IWTD -SR 2013-14)	Cum							
	WPC		1	6.40	4.90	0.075	2.35	160.06	**376.00**
	Basic Rate	151.00							
	Area Weightage @ 6%	9.06							
	Total	**160.06**							
14	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16/I.4.28 PW, P & IWTD -SR 2013-14)	Sqm							
	Columns Footing		6	4.80		0.50	14.40	220.48	**3175.00**
	Basic Rate	208.00							
	Area Weightage @ 6%	12.48							
	Total	**220.48**							

15	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.17/I.4.32 PW, P & IWTD -SR 2013-14)	Sqm							
			6	1.60		5.20	49.92	330.72	**16510.00**
	Basic Rate	312.00							
	Area Weightage @ 6%	18.72							
	Total	**330.72**							
16	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.17/I.4.34 PW, P & IWTD -SR 2013-14)	Sqm							
	Plinth Beam - Allround		2	23.80		0.30	14.28		
	Lintels		2	23.80		0.20	9.52		
	Beams		2	23.80		0.45	21.42		
	Basic Rate	226.00					**45.22**	**239.56**	**10833.00**
	Area Weightage @ 6%	13.56							
	Total	**239.56**							
17	KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16/I.4.29 PW, P & IWTD -SR 2013-14)	Sqm							
	Roof		1	6.00	5.50		33.00		
	For staircase		1	3.80	0.90		3.42		
							36.42	284.08	**10346.00**
	Basic Rate	268.00							
	Area Weightage @ 6%	16.08							
	Total	**284.08**							

18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications Specification No. KBS 4.1, 4.6 (P.13/I.4.19 PW, P & IWTD -SR 2013-14)	Sqm							
	Door		1	1.50	0.45		0.68		
	Windows		3	1.20	0.45		1.62		
	Basic Rate	393.00					2.30	405.98	**932.00**
	Area Weightage @ 6%	22.98							
	Total	**405.98**							
19	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification Specification No. KBS 4.6.2 (P.17/I.4.37 PW, P & IWTD -SR 2013-14)	Sqm							
			1	1.50	0.45		0.68		
			3	1.20	0.45		1.62		
	Basic Rate	229.00					2.30	242.74	**557.00**
	Area Weightage @ 6%	13.74							
	Total	**242.74**							
20	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.19/I.4.46 PW, P & IWTD -SR	Qtl							
	Columns Footings		6.75	kg/cum	55.00		371.25		
	Columns		3.74	kg/cum	120.00		448.80		
	Plinth Beams		1.43	kg/cum	80.00		114.40		
	Lintels		0.95	kg/cum	80.00		76.00		

	Beams		2.14	kg/cum	90.00		192.60		
	Roof		4.70	kg/cum	90.00		423.00		
	Chajja		2.30	kg/sqm	10.00		22.95		
	for stair case		0.48	kg/sqm	100.00		48.00		
							1697.00		
	Basic Rate	6834.00					16.97	7244.04	122931.00
	Area Weightage @ 6%	410.04							
	Total	**7244.04**							
21	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1966 in superstructure including cost of materials, labour charges, scaffolding curing complete as per specifications. (P.27/I.5.27 PW, P & IWTD -SR 2013-14)	Sqm							
	Allround		1	23.80		3.00	71.40		
	Parapet		1	23.80		0.90	21.42		
	For compound wall		1	32.60		2.00	65.20		
							158.02		
	Deductions - D		1	1.20		2.10	2.52		
	W		3	0.90		1.20	3.24		
	Cills - W		3	1.20		0.10	0.36		
							6.12		
	Basic Rate	856.00					151.90	907.36	137828.00
	Area Weightage @ 6%	51.36							
	Total	**907.36**							

22	Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per	Sqm							
	D		1	1.20		2.10	2.52	3710.00	**9349.00**
	Basic	3500.00							
	Area Weightage 6%	210.00							
	Total rate	3710.00							
23	Providing and fixing cold rolled perepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanished on both sides 120gms/sq.mtr. Primer coat upto 5microns with thermosetting epoxy resin and finish painted with a polyester based paint 20microns thick. The size of profiles in approximately 46x52mm for external formes, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixtures like								
	4mm tinted glass should be fixed	SQM							

	W		1	0.90		1.20	1.08	4028.00	**4350.00**
	Basic	3800.00							
	Area Weightage 6%	228.00							
	Total rate	4028.00							
24	KSRB 15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.123/I.15.21 PW, P. & IWTD - SR 2013-14)	Sqm							
	Ceiling Plastering		1	6.00	4.50		27.00		
	Beam Sides		1x2	4.50	0.30		2.70		
							29.70	163.24	**4848.00**
	Basic Rate	154.00							
	Area Weightage @ 6%	9.24							
	Total	**163.24**							
25	KSRB 15-3.7 : Providing 18mm thick cement plastering single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97-122/I.15.15 PW, P & IWTD - SR 2013-14)	Sqm							
	Inside plastering		2	6.00		3.00	36.00		
			2	5.50		3.00	33.00		
	Colums portion		2x2	0.20		3.00	2.40		
							71.40		
	Deductions - Door	0.50	1	1.20		2.10	1.26		
	W	0.50	3	0.90		1.20	1.62		
							2.88		
	Basic Rate	198.00					68.52	209.88	**14381.00**
	Area Weightage @ 6%	11.88							
	Total	**209.88**							

26	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.123/I.15.18 PW, P & IWTD - SR 2013-14)	Sqm							
	outside plastering		2	6.40		4.00	51.20		
			2	5.90		4.00	47.20		
	Parafit inside		2	6.00		0.90	10.80		
	Roof surface plastering		1	6.00		4.50	27.00		
			2	5.50		0.90	9.90		
	For compound wall		2	32.60		2.00	130.40		
							276.50		
	Deductions - Door	0.50	1	1.20		2.10	1.26		
	W	0.50	3	0.90		1.20	1.62		
							2.88		
							273.62	223.66	**61198.00**
	Basic Rate	211.00							
	Area Weightage @ 6%	12.66							
	Total	**223.66**							
27	KSRB 15-7 Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.124/I.15.33 PW, P & IWTD - SR 2013-14)	Sqm							
			Qty Vide Item No. 26+27				98.22	19.08	**1874.00**
	Basic Rate	18.00							
	Area Weightage @ 6%	1.08							
	Total	**19.08**							
28	Providing and laying flooring using prepolished, water cut / gang saw 19mm thick using grey granite laid over existing floor in CM 1:4 at 20mm thick (average) and pointed with white / grey pigment etc., complete (P.117/I.14.47.1 PW, P & IWTD -	Sqm							
			1	6.00	5.50		33.00		
	Skirting		1	21.00		0.15	3.15		
							36.15	2067.00	**74722.00**
	Basic Rate	1950.00							
	Area Weightage @ 6%	117.00							
	Total	**2067.00**							

29	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer (P.126/I.15.51.2 PW, P & IWTD -SR 2013-14)	Sqm							
				Qty Vide Item No. 29			98.22	63.60	**6247.00**
	Basic Rate	75.00							
	Area Weightage @ 6%	4.50							
	Total	**79.50**							
30	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer (P 127/I.15.53.2 PW, P & IWTD - SR 2013-14)	Sqm							
				Qty Vide Item No. 28			273.62	78.44	**21463.00**
	Basic Rate	74.00							
	Area Weightage @ 6%	4.44							
	Total	**78.44**							
31	KSRB 8.6-5 : Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications. (P.52/I.8.16 PW, P & IWTD -SR 2013-14)	Mtr							
			2	3.00			6.00	415.52	**2493.00**
	Basic Rate	392.00							
	Area Weightage @ 6%	23.52							
	Total	**415.52**							

	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12	Kgs							
	21 kg/sqm		1	2.40		2.00	4.80		
							100.80	95.40	**9616.00**
	Basic Rate	90.00							
	Area Weightage @ 6%	5.40							
	Total	**95.40**							
	Electrification Facilities								
32	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/I.8.I.C) Electrical SR	No.							
	b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch		1				1	175.00	**175.00**
	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch		1				1	368.00	**368.00**
33	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/I.12a) Electrical SR - 2010-11	No							

			2				2	91.00	182.00
34	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical SR - 2013-14	Each							
	a) 4"x4"x3"		1				1	44.00	44.00
	b) 12"x12"x3"		1				1	98.00	98.00
	c) 10"x7"x3"		2				2	68.00	136.00
35	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc., and fixing on existing wooden or metal box using N.F. screws.., (P.10/I.22) Electrical SR - 2013-14	Sq. cmt	1				3000.00	0.22	660.00
36	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/I.7a) Electrical SR - 2013-14	Rmtr							
			1	20.00			20.00	14.00	280.00
37	Supplying, fixing, wiring, earth electrode for grounding conduits, I C cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.68/I.2) Electrical SR - 2013-14	Each							
			1				1	3000.00	3000.00
38	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using ncessary nuts, bolts and washers etc complete (P.32/I.3a) Electrical SR - 2013-14	Each							

			4				4	54.00	216.00
39	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical SR - 2013-14	Rmtr							
			1	20.00			20.00	32.00	640.00
40	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/I.12a) Electrical SR - 2013-14.	No.							
			1				1	60.00	60.00
41	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired for use on 230 volts AC supply including 1 Nos 4' 36/40 watts fluorecent tube A Group (P.16/I.2a) Electrical SR - 2013-14	No							
			5				5	400.00	2000.00
42	Wiring for lighting / power circute using one of PVC insulated 1100v/grade mullies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20Ib) Electrical SR - 2013-14	Rmtr							
			1	60.00			60.00	15.00	900.00

43	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/I.3Ic) Electrical SR - 2013-14 c) 40X6mm	Rmtr							
			1	6.00			6.00	221.00	1326.00
44	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/I.12Ba) Electrical SR - 2013-14	No.							
			1				1	370.00	370.00
45	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P 23/I.23IIa) Electrical SR - 2013-14	Nos							
			2				2	1900.00	3800.00
46	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/I.8) Electrical SR - 2013-14	Nos							
			4				4	105.00	420.00

47	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluoroscent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.28/I.12b) Electrical SR-2013-14	Nos	2				2	685.00	1370.00
48	Digging of trench of 0.6m deep x 0.50mtr wide refiling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/I.6b) Electrical SR - 2013-14	Rmtr	1	20.00			20.00	50.00	1000.00
49	Office furnitures for community centre	L/s							110000.00
50	Miscellaneous and Unforeseen Charges								609.00
								Total	1000000.00

(Rupees ten laksh Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD SR and MI SR - 2010-11
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Yelahanka Satellite Town Sub-Division,
Yelahanka, Bangalore - 106

Asst. Exe. Engineer
Yelahanka Satellite Town Sub-Division,
Yelahanka, Bangalore.

ADMINISTRATIVELY SANCTIONED FOR Rs 10.00 lakh
Rupees Ten Lakhs Rupees only
Under P.177 / General Work
Registered as EE ( ) No
Subject to conditions contained in enclosed memo EE ( ) No
Dt Estimate A/S
JE/Vol/882 No 282
dated 10-10-13 Rs 10.00 lakhs

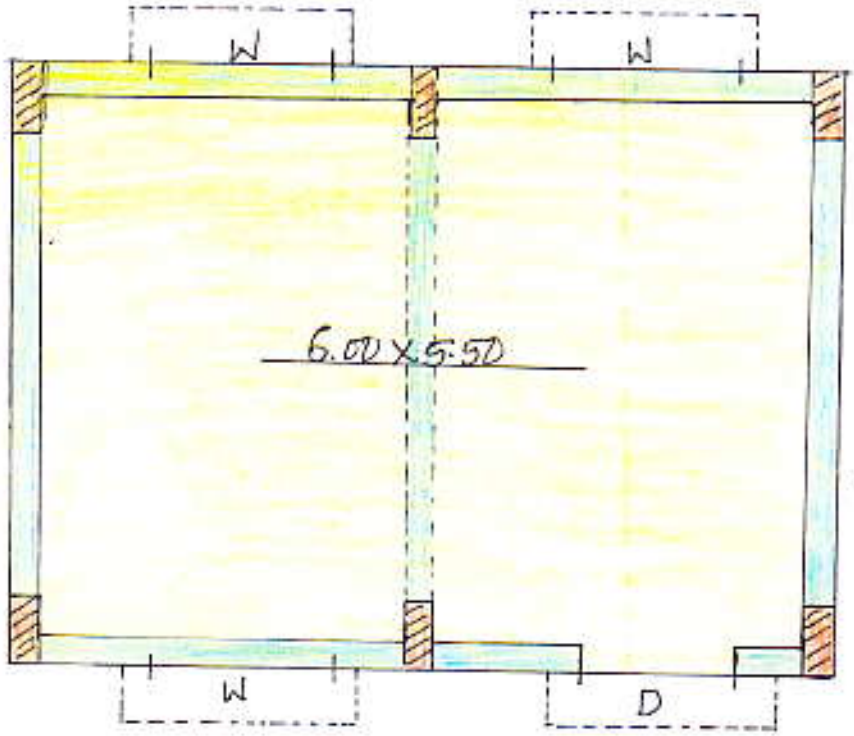
Executive Engineer
Yelahanka Division
Bangalore.

30/10/13
Joint Commissioner

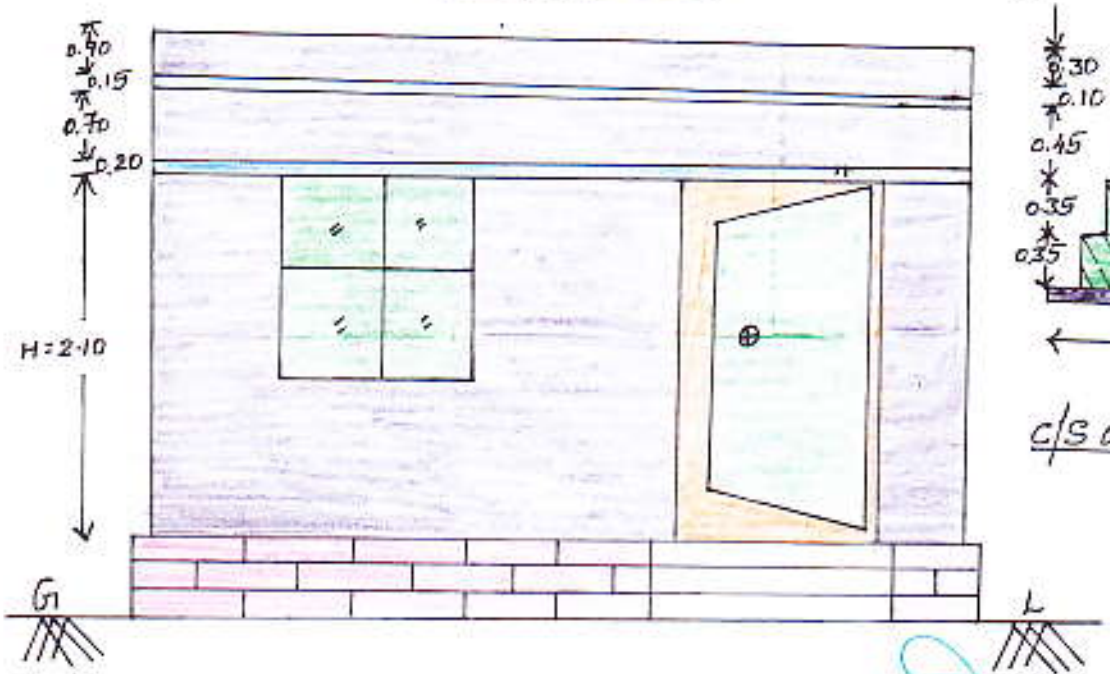
TECHNICALLY SANCTIONED FOR Rs. 10.00 lakhs
Rupees Ten Lakhs only
Under P.177 / general Works
Registered as CE ( ) No
Subject to conditions contained in enclosed memo EE ( ) No /Dt
Dt Estimate A/ Sanctioned
EE/Vol / 112/13-14 No 112
Dated 30-10-2013 Rs. 10.00 lakh

Executive Engineer

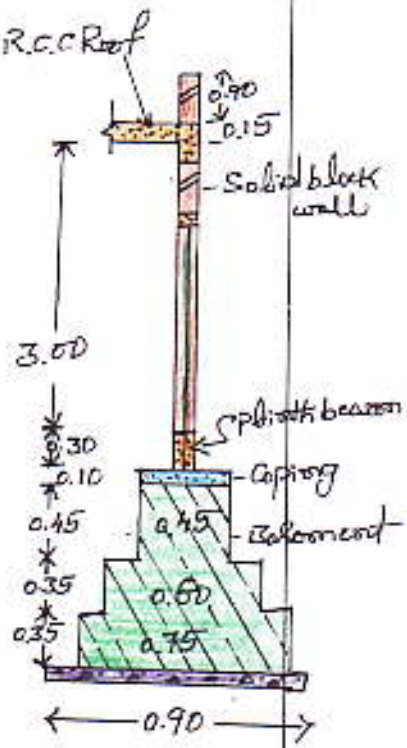
Name of work:- Construction of Community Centre at Allalasandra in ward No- 04



PLAN



FRONT ELEVATION



C/S OF FOUNDATION

K. M.